



SEQUENCE LISTING

<1> DONG, KE-WEN
OEHNINGER, SERGIO
GIBBONS, WILLIAM

<120> RECOMBINANT, BIOLOGICALLY ACTIVE HUMAN ZONA PELLUCIDA
PROTEIN 3 (hZP3) TO TEST MALE FERTILITY

<130> 113019.179US1

<140> 09/252,828

<141> 1999-02-19

<160> 5

<170> PatentIn Ver. 2.1

<210> 1

<211> 41

<212> PRT

<213> Homo sapiens

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Ser Trp Phe Pro Val Glu Gly Pro Ala Asp Ile Cys Gln Cys Cys Asn
1 5 10 15

Lys Gly Asp Cys Gly Thr Pro Ser His Ser Arg Arg Gln Pro His Val
20 25 30

Met Ser Gln Trp Ser Arg Ser Ala Ser
35 40

<210> 2

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<213> Homo sapiens

<400> 2

Ser Trp Phe Pro Val Glu Gly Pro Ala Asp Ile Cys Gln Cys Cys Asn
1 5 10 15

Lys Gly Asp Cys Gly Thr Pro Ser His Ser Arg Arg Gln Pro His Val
20 25 30

Met Ser Gln Trp Ser Arg Ser Ala Ser
35 40

<210> 3
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<212> PRT
<213> Murine sp.

<400> 3
Ser Trp Leu Pro Val Gln Gly Asp Ala Asp Ile Cys Asp Cys Cys Ser
1 5 10 15
His Gly Asn Cys Ser Asn Ser Ser Ser Ser Gln Phe Gln Ile His Gly
20 25 30
Pro Arg Gln Trp Ser Lys Leu Val Ser
35 40

<210> 4
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<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: Primer

<400> 4
accatggagc tgagctatag g 21

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<223> Description of Artificial Sequence: Primer

<400> 5
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<400> 1

Ser	Trp	Phe	Pro	Val	Glu	Gly	Pro	Ala	Asp	Ile	Cys	Gln	Cys	Cys	Asn
1				5					10					15	

Lys	Gly	Asp	Cys	Gly	Thr	Pro	Ser	His	Ser	Arg	Arg	Gln	Pro	His	Val
			20					25					30		

Met	Ser	Gln	Trp	Ser	Arg	Ser	Ala	Ser
		35					40	

<210> 2

<211> 41

<212> PRT

<213> Homo sapiens

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Ser	Trp	Phe	Pro	Val	Glu	Gly	Pro	Ala	Asp	Ile	Cys	Gln	Cys	Cys	Asn
1				5					10					15	

Lys	Gly	Asp	Cys	Gly	Thr	Pro	Ser	His	Ser	Arg	Arg	Gln	Pro	His	Val
			20					25					30		

Met	Ser	Gln	Trp	Ser	Arg	Ser	Ala	Ser
		35					40	

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<211> 41
<212> PRT
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Ser Trp Leu Pro Val Gln Gly Asp Ala Asp Ile Cys Asp Cys Cys Ser
1 5 10 15
His Gly Asn Cys Ser Asn Ser Ser Ser Ser Gln Phe Gln Ile His Gly
20 25 30
Pro Arg Gln Trp Ser Lys Leu Val Ser
35 40

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cagt 64